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US-09-834-975-688
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 4123, Ap
Sequence 20446, A
Sequence 219, App
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iter than or equal to the score of the result being printed,
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114.746 Million cell updates/sec
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/cqn2_6/ptcdata/2/pubpa/vs06_numcOHH.scq.*
/cqn2_6/ptcdata/2/pubpa/vis07_nkW_pUH.scq.*
/cqn2_6/ptcdata/2/pubpa/PCTUS_PUBCOMB.seq.*
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1: /cqn2_6/ptodata/2/pubpna/US07_PUBCOMB.seq:*
2. /cqn2_6/ptodata/2/pubpna/PCI_NEW_PUB.seq:*
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Genéraly volsion \mathbb{S}_{\{\beta_1,\beta_2\}} Copyright (c) 1993 - 2003 Compagen Ltd
                                                                                    OM protein - nucleic scarch, bsing frame_plus_p2n model
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HS-09-974-306-4123

ES 09-864-761-20446

US 09-867-701-219
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		5.3	100.0	462	0	864 761-13	Sequence 13902, A
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ALIGNMENTS

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APPLICANT: BEOWN, JETTERY
APPLICANT: Bolt, Andrew
APPLICANT: Bolt, Andrew
APPLICANT: Bolt, Andrew
APPLICANT: Bolt, Andrew
TITLE OF INVENTION: NOVEL GENES, COMPOSITIONS AND MELHODS
TITLE OF INVENTION: FOR PHE IDENTIFICATION, ASSESSMENT, PREVENTION, AND THERAPY
TITLE OF INVENTION OF HOMAN CANTERS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               5.5
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SOFTWARE: FastSEQ for Windows Version 4.0
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                                                                                                                                                                                                                                                                                                        PRIGR APPLICATION NUMBER: 60/197,538
PRIGR FILING DATE: 2000-04-14
Sequence 588, App. 10at10n US/09834975
Patent No. US20020110815A1
                                                                                                                                                                                                                                                                                 2001-04-13
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                                                                      APPLICANT: Lillie, James
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; ORGANISM; Homo sapiens
US-09-834-975-688
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                                           GENERAL INFORMATION:
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LENGIH: 51
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CTHER INFORMATION: MAP TO APD00409.1
CTHER INFORMATION: EXPRESSED IN HEART, SIGNAL - 18
COTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL - 2
COTHER INFORMATION: HIT: 4111422558 EVALUE 1.20+00
COTHER INFORMATION: EST_HUMAN HIT: AA758580.1, EVALUE 1.80+00
COTHER INFORMATION: SWISSHEDT HIT: Q55029, EVALUE 6.70c+00
US-09-864-761-20446
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CURRENT APPLICATION NUMBER: 15/95/867,701
CURPENT FILLING DATE: 2001-05-29
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Mismatches:
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                                                                                            PRIOR PULICATION NUMBER: PC1/US01/00664
PRIOR PELING DATE: 2001-01-30
PRIOR PPLICATION NUMBER: PC1/US01/00669
PRIOR PELING DATE: 2001-01-30
PRIOR PLILING DATE: 2001-01-30
PRIOR PILING DATE: 2001-01-30
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SOFTWARE, FastSEG for Windows Version 4.0
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     PRIOR APPLICATION NUMBER: PCI/USO1/GOBEG
PRIOR FILING DAIE: 2001-01-30
PRIOR APPLICATION NUMBER: PCI/ISO1/00667
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PRIOR APPLICATION NUMBER: US 09/774,203
PRIOR FILING DATE. 2001-01-29
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Patent No. US20020132237A1
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APPLICANT: Jones, Robert
APPLICANT: Harlocker, Susan L.
                                                                               2001-01-30
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ORGANISM: Homo sapiens
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                                                                               PRIOR FILLING DATE:
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APELICANT: Rank, David R.
APELICANT: Rank, David R.
APELICANT: Hanzel, bavid K.
APELICANT: Chen, Wensherd K.
TITLE OF INVENTION: HUMAN CENOME-DEFIVED SINGLE FXON NUCLEIC ACT DEPORTE USEFUL FOR TITLE OF INVENTION: HUMAN CENOME-DEFIVED SINGLE FXON NUCLEIC ACT DEPORTED FIRE FYPERSTON ANALYSIS BY MICPORPRAY
FILE REPERBUCE. APOMICA:X-1
CURRENT APPLICATION NUMBER: US/05/864,761
                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Clausen, 15 Groth
TITLE OF INVENTION: Methods For Monitoring Multiple Gene
TITLE OF INVENTION: Expression
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     Conservative.
Mismatches:
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PRIOR FILING DATE: 2000-10-06
PRIOR PLING DATE: 2000-10-06
PRIOR FILING DATE: 2001-03-27
NUMBER: OF SEO ID NOS: 8481
SOFTWARE: FastSEO for Windows Version 4.0
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PRIOR APPLICATION NUMBER: US 60/180,312

PRIOR APPLICATION NUMBER: US 60/180,312

PRIOR APPLICATION NUMBER: US 60/207,456

PRIOR APPLICATION NUMBER: US 60/207,456

PRIOR APPLICATION NUMBER: US 60/207,366

PRIOR APPLICATION NUMBER: US 60/472,366

PRIOR APPLICATION NUMBER: GB 24263,6

PRIOR FILLING DATE: 2000-08-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TITLE OF INVENTION: Expression
FILE REFRENCE: 10085-500 US
CURRENT APPLICATION NUMBER: US/09/974,300
CURRENT FILING DATE: 2001-10-05
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Fatent No. US20020048763Al
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                  : Sequence 4123, Application (18709974300); Patent No. US20020146721A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ORGANISM: Bacillus licheniformis
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Query Match:
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APPLICANT: Chen, Wershedg
TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROHES USEFUL FO
TITLE OF INVENTION: GENE EXPRESSION ANALYSIS BY MICROARRAY
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OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL - 1

OTHER INFORMATION: FYPESSED IN FETAL LIVER, SIGNAL - 0.8

OTHER INFORMATION: FXPESSED IN BRAIN, SIGNAL - 0.8

OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL - 0.85

OTHER INFORMATION: EXPRESSED IN BIONE MARROW, SIGNAL - 0.75

OTHER INFORMATION: SWINSSED IN DIACTORS, SIGNAL - 0.75

OTHER INFORMATION: WINSSED IN DIACTORS, SIGNAL - 0.70

OTHER INFORMATION: WINSSED IN DIACTORS, EVALUE 1.90e-01
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PRIOR PELLING EATE. 2062-01-30
PRIOR APPLICATION NUMBER: PCI/USO1/A0651
PRIOR FILLING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCI/USO1/00670
PRIOR APPLICATION NUMBER: PCI/USO1/
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PRIOR FILINIS DATE: 2001-01-30
PRIOR APPLICATION NUMBER: POT/HSOL/O0663
PRIOR FILING UAFE: 2001-01-30
                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: PC1/US01/00662
FILING DATE, 2001-01-30
APPLICATION NUMBER: PC1/US01/00661
                                                                                                                                                                                                                                                         PAIGN APPLICATION NUMBER: PCI/US01/00669 WINDS FILING DATE: 2001-01-30 PRIOR PLING DATE: 2001-01-30 PRIOR FILING DATE: 2001-01-30
                                                                                                                     PRIOR APPLICATION NUMBER: PCIZUSUIZUGESE PRIOR FILLING DATE: 2007-01-30
                                                                                                                                                              UMBER PC1,0801,00667
2001-01-30
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                        PRIOR EILING DATE: 2000-10-04
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
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PRIOR FILING DATE: 2001-01-29
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Patent No. US20020048763A1
                                                                                            2000-03-24
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    PRIOR FILING DATE: 2000-08-03
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OKGANISM. Homo saplens
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US-09-864-751-30470
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CURPENT ADDITOR NO NUMBER: LS/09/764.869
CURPENT FILING DATE: 2001-01-17
Prior application data removed - refer to PALM or file wrapper NUMBER OF SEQ ID NOS: 24.2
SOFTWARE: Patentin Ver. 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
                                                                                                             Matches:
Conservative:
Migmatches:
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PRIOR APPLICATION NUMBER: US 39/632.366
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Patent No. US20020048763A1
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Patent No INSUNDONAIS2IA1
GENERAL INFORMATION
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: ORGANISM: Homo sapien
US-09-867-701-219
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US-09-864-761-28662/c
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US-09-764-869-39
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OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL - 1 OTHER INFORMATION: NT HIT: AJ012116.1, EVALUE 1.40e-01 OTHER INFORMATION: EST_HUMAN HIT: R56395.1, EVALUE 1.40e-01 OTHER INFORMATION: SWISSPROF HIT: Q03490, EVALUE 3.90e:00
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SOFTWARE: Annomax Sequence Listing Engine vers, 1.1
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Mismatches:
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PRIOR APPLICATION NUMBER: US 60/211/457.
PRIOR PAPLICATION NUMBER: US 69/642.366
PRIOR PULING DATE: 2000-06-03
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR PILING DATE: 2001-01-40
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR APPLICATION NUMBER: US 60/234,687
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FILE REFERENCE: Aeomica-X-1
CURRENT APPLICATION NUMBER: US/09/864,761
                                    CURRENT AFFILLING DATE: 2001-05-29
CURRENT FILLING DATE: 2001-05-29
PRIOR APPLICATION NUMBER: US 60/180,312
PRIOR TIME DATE: 2000-02-04
                                                                                                                                                                         PRIOR APPLICATION NUMBER: US 60,2207,456
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Patent No. US/20020061521A1
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Hest Local Similarity:
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TITLE OF INVENTION: Incleic Acid Molecules and Other Molecules Associated with TITLE OF INVENTION: Plants
FILE REPERENCE: 38-21 (15401)8
CURRENT APPLICATION NUMBER: US/09/878,574
CURRENT FILING DATE: 2001-12-21
PRIOR APPLICATION NUMBER: 09/333,535
PRIOR APPLICATION NUMBER: 09/333,535
NUMBER OF SEQ ID NOS: 15775
                FILE PEFFERNOR: pro07

CURRINT APPLICATION NUMBER: US/09/764,869

CHRENT FILING DATE: 2011-01 17

FILE APPLICATION GATE TEMPORED TO FILE WIAPPER

FILE SEQ IN SS. 2442

SOFTWARE: PALENTIN VEY: 2.0
TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
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Mismatches:
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CTHER INFORMATION: Clone ID: 701064494H1
US:09-878-574-11486
                                                                                                                                                                                                                                                         LOCATION: (207)
OTHER INFORMATION: n equals a,t,g, or c
                                                                                                                                                                                                                                                                                                                                        OTHER INFORMATION: n equals a,t,q, or c
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Patent No. US20020110548A1
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Query Match:
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Best Local Similarity.
Query Match:
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                                                                                                                                      SEQ ID NO 572
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US-10-046-935-1795

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APPLICANT: Jiang, Yngiu
APPLICANT: Harlocker, Susan L.
APPLICANT: Secrist, Heather
APPLICANT: Secrist, Heather
APPLICANT: Stolk John A.
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY
TITLE OF INVENTION: COMPOSITIONS OF COLON CANCER
FILE REFERENCE: 210127:527CT
CURRENT APPLICATION NUMBER: US/10/046,935
CURPENT FILING PART: 2002-01-15
NUMBER OF SEQ ID NOS: 2239
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APPLICANT: Harlocker, Susan L.
APPLICANT: Harlocker, Susan L.
APPLICANT: Secrist, Heather
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY
TITLE OF INVENTION: AND DIAGNOSITS OF COLON CANCER
FILE REFERENCE: 210:21:527
CURRENT APPLICATION NUMBER: US/09/878,178
CURRENT FILLING DATE: 2001-06-08
NUMBER OF SEQ IN DATE: 2001-06-08
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Mismatches:
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Sequence 1795, Application US/10046935
Patent No. US/20020156011A1
GENERAL INFORMATION:
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Patent No. 0S20020177552A1
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US-10-046-935-1795
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OTHER INFORMATION: n = A,T,C or G
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ORGANISM: Homo sapiens
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US-08-846-477-24 (1-4) x US-08-84-878-178-1795 (1-256)

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APPLICANT: Jiang, Yuqiu
APPLICANT: Harlocker, Susan L.
AFPLICANT: Secrist, Heather
AFPLICANT: Secrist, Heather
AFPLICANT: Wang, Aljun
APPLICANT: Wang, Aljun
APPLICANT: Stolk, John A.
11711. OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY
11711. OF INVENTION: AND DIAGNOSIS OF COLON CANGER
FILE REFERENCE: 210121, 527C1
CURRENT AFELIANISM NUMBER HS/10/046, 935
NUMHER OF SEQ 1D NOS: 2239
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APPLICANT: Barlocker, Susan L.
APPLICANT: Barlocker, Susan L.
APPLICANT: Secrist, Heather. Checker, Check
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Mismatches:
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; Patent No. US2002017755241
; GENERAL INFORMATION:
                                                                                                                                                                                                                      Sequence 289, Application US/10046935
Patent No. US20020156011A1
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1 MetLeuArqLeuGlm 5
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Best Local Similarity:
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Query Match:
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US-09-878-178.289/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: DNA
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FILE REFERENCE: PO-16.201
CURRENT APPLICATION NUMBER: US/09/783,590
CURRENT FILING DATE: 200-02-15
PRIOR APPLICATION NUMBER: 08/420,856
PRIOR APPLICATION NUMBER: 08/420,856
PRIOR FILING DATE: 1995-04-12
PRIOR APPLICATION NUMBER: 08/346,731
                                                                                                                                                                                    APPLICANI: Berka, Randy M. APPLICANI: Clauser, 1b Groth TITLE OF INVENTION: Methods For Monitoring Multiple Gene TITLE OF INVENTION: Expression
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               267
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Matches:
Conservative:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US-09-856-070-25 (1-5) x US-09-974-300-4965 (1-267)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Length:
                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQ ID NOS: 8481
SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                              TITLE OF INVENTION: Expression
FILE REPERENCE: 10085,500-05
CHERENT APPLICATION NUMBER: 18,769,7574 300
CHRENT FILING DATE: 2001-10-05
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Fatent No. US20020110850A1
                                                                                                                        Sequence 4955, Application US/09974300
Patent No. US20020146721A1
                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION NUMBER: 09/680,598
PRIOR FILING DATE: 2000-10 06
PRIOR APPLICATION NUMBER: 60/279 526
PRIOR FILING DATE: 2001-03-27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
APPLICANT: Dillon, Patrick J.
APPLICANT: Hassline, William A.
APPLICANT: Li, Haodong
APPLICANT: Rosen, Craiq A.
APPLICANT: Ruben, Steven M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR FILING DATE: 1994-11-21
NUMBER OF SEQ ID NOS: 12485
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100.00%
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ORGANISM: Bacillus clausti
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63 ALGCTTGGGTTACAG 77
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                                                                                                                                                              GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                US:09:783-590-11605
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Conservative:
Mismatches:
Indels:
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Matches:
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                                                                                                                        LOCATION: (196)
OTHER INFORMATION: n equals a,t,g, or c
                                                                                                                                                                                               CTHER INFORMATION: n equals a,t,q, or c NAME/KEY: misc leature t. Location: (272) CTHEP INFORMATION: n equals a,t,g, or c US-09-783-550-11605
                                                                                    OTHER INFORMATION: n equals a,t,q, or c NAME/KEY: misc feature
                                  OTHER INFORMATION: n equals a,t,g, or c
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NAME/KEY: misc teature
LOCATION: (122)
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                                                                                                                                                             NAME/KEY: misc feature
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Best Local Similarity:
Query Match:
                                                                                                                                                                                  LOCATION: (265)
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